

**Notice of Allowability**

Application No.

10/768,993

Applicant(s)

BARGERON ET AL.

Examiner

Art Unit

Gregory J. Vaughn

2178

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 12/26/2007.
2. ☒ The allowed claim(s) is/are 1-40, 61 and 90.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**EXAMINER'S AMENDMENT AND  
REASONS FOR ALLOWANCE**

***Application History***

1. This action is responsive to the amendment filed on 12/26/2006
2. Applicant's has amended claims 1, 61 and 90.
3. Claims 1-40, 61 and 90 are pending in the case, claims 1 61 and 90 are independent claims.
4. The examiner's rejection of claims 1-4, 20-29, 30-40, 61 and 90, made under 35 USC 101, as described in the office action dated 9/25/2006, is withdrawn in view of the amended claims.
5. The examiner's rejection of claims 1-40, 61 and 90, made under 35 USC 112, as described in the office action dated 9/25/2006, is withdrawn in view of the amended claims.
6. The examiner's rejection of claims 1-40, 61 and 90, made under 35 USC 102, as described in the office action dated 9/25/2006, is withdrawn in view of the amended claims.
7. The examiner's amendment described below was discussed and authorized by the applicant in a phone interview conducted on March 27, 2006.

***Examiner's Amendment***

8. An examiner's amendment to claim 1 appears below. Text added by the examiner is shown underlined. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Craig S. Fischer on March 27, 2007

9. Rewrite claim 1 as follows:
1. A computer implemented system for facilitating adaptive grid-based document layout, the system comprising:
    - a template storage unit adapted to store a plurality of templates;
    - a layout engine adapted to apply document content to a template of said plurality of templates, wherein said layout engine is further adapted to determine a score providing a measure of how well said document content fits said template;
    - a paginator adapted to provide said document content and said plurality of templates to said layout engine, receive said quality score from said layout engine, and use the quality score, determine a desirable pairing of document content and said plurality of templates to find an optimal pagination of the plurality of templates by measuring an effectiveness of various sequences of the plurality of templates;
    - an adaptive grid-based document generated by using the layout engine to format the document content according to the optimal pagination of the plurality of templates and displaying the document to a user.

***Reasons for Allowance***

10. The following is an examiner's statement of reasons for allowance:

**Regarding independent claims 1, 61 and 90**, the prior art of record neither anticipates nor suggests to a person of ordinary skill, at the time the invention was made, the claimed feature of a computer implemented system, method and computer readable storage medium for facilitating adaptive grid-based document layout where document content is applied to various templates to determine a score for a best content fit, and the score is used in combination with the document content to determine a desirable pairing of document content and said plurality of templates to find an optimal pagination of the plurality of templates by measuring an effectiveness of various sequences of the plurality of templates.

11. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory J. Vaughn whose telephone number is (571) 272-4131. The examiner can normally be reached Monday to Friday from 8:00 am to 5:00 pm.

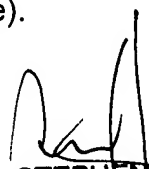
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S. Hong can be reached at (571) 272-4124. The fax phone

Art Unit: 2178

number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gregory J. Vaughn  
Patent Examiner  
March 27, 2007



STEPHEN HONG  
SUPERVISORY PATENT EXAMINER